

AMENDMENTS TO THE SPECIFICATION

Please amend the specification as indicated herein. In Page 14, line 2, after the sentence "For example, an RF protocol that can be detected and implemented by receiver 107 is described in U.S. Patent No. 5,881,366 (already incorporated in its entirety by reference)" insert the following text from col. 11, lines 49-63 of U.S. Pat. No. 5,881,366 to read as follows (entire paragraph starting at page 13 reproduced for clarity):

A1
One skilled in the art will understand in light of this disclosure that a number of communication signals from diverse cordless devices can be received and processed by receiver 107. For example, a combination of communication signals from two RF cordless devices (e.g., a 27 MHz cordless device and a 900 MHz cordless device) and two microwave cordless devices (e.g., a 1.89 GHz cordless device and a 2.4 GHz cordless device) can be received and processed by receiver 107. In addition, a number of wireless communication protocols can be detected and implemented by receiver 107. For example, an RF protocol that can be detected and implemented by receiver 107 is described in U.S. Patent No. 5,881,366 (already incorporated in its entirety by reference). The RF protocol described therein includes bi-directional communications. Bi-directional communication can fall into two types, depending on whether all of the devices can be polled, or whether the devices include some asynchronous devices and some polled devices. If some asynchronous devices are included, such as a mouse, the host receiver responds to action reports from the mouse, but also polls the bi-directional device (e.g., a keyboard) whenever the mouse is not sending. In addition, the mouse report is structured to leave enough time between reports to permit the receiver to send a polling message and allow the keyboard to answer. If all the devices are bi-directional, and can be polled, the protocol implemented in a preferred embodiment including sending out a synch-poll signal at the beginning of a cycle, and then waiting for each device having something to report to emit a response to the poll.

Other example protocols that can be detected and implemented by receiver 107 might include the Bluetooth protocol of the Bluetooth Special Interest Group, the Shared Wireless Access Protocol (SWAP) of the HomeRF Working Group, the Digital Enhanced Cordless Telecommunications (DECT) protocol of the DECT Forum, and the IEEE 802.11 or 802.15 protocols of the Institute of Electrical and Electronic Engineers.